

Applets copy

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L3 ANSWER 47 OF 114 CA COPYRIGHT 1999 ACS
AN 101:27545 CA

TI Calcium silicate hydrate products

PA Asahi Chemical Industry Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC C04B015-06

CC 58-4 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59045953	A2	19840315	JP 1982-150653	19820901
AB	Ca silicate gel, siliceous substances and/or CaO, water, and reinforcing materials are mixed, molded to blocks, cut, and treated with satd. steam in autoclaves to give Ca silicate hydrate products. Thus, diatomaceous earth 100, Ca(OH)2 80, and water 540 parts were mixed, heated at 90.degree. for 3 h, mixed with portland cement 50, silica stone powder 50, and pulp 4 parts, shaped to blocks at 40.degree., cut, treated with satd. steam at 180.degree. in an autoclave for 10 h, and dried at 110.degree. to obtain a fire-resistant product with bulk d. 0.50, bending strength 29.0 kg/cm ² , and thermal cond. 0.085 kcal/m-h-degree.				
ST	calcium silicate hydrate shaped				
IT	Cement				

Concrete
mat'l